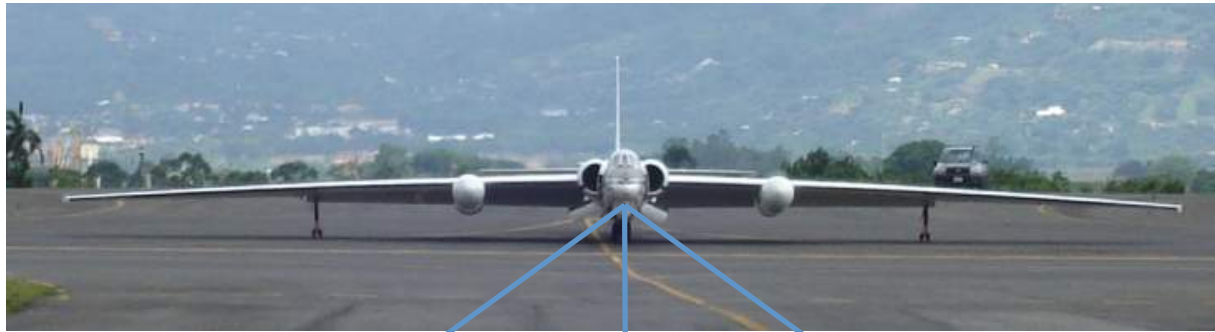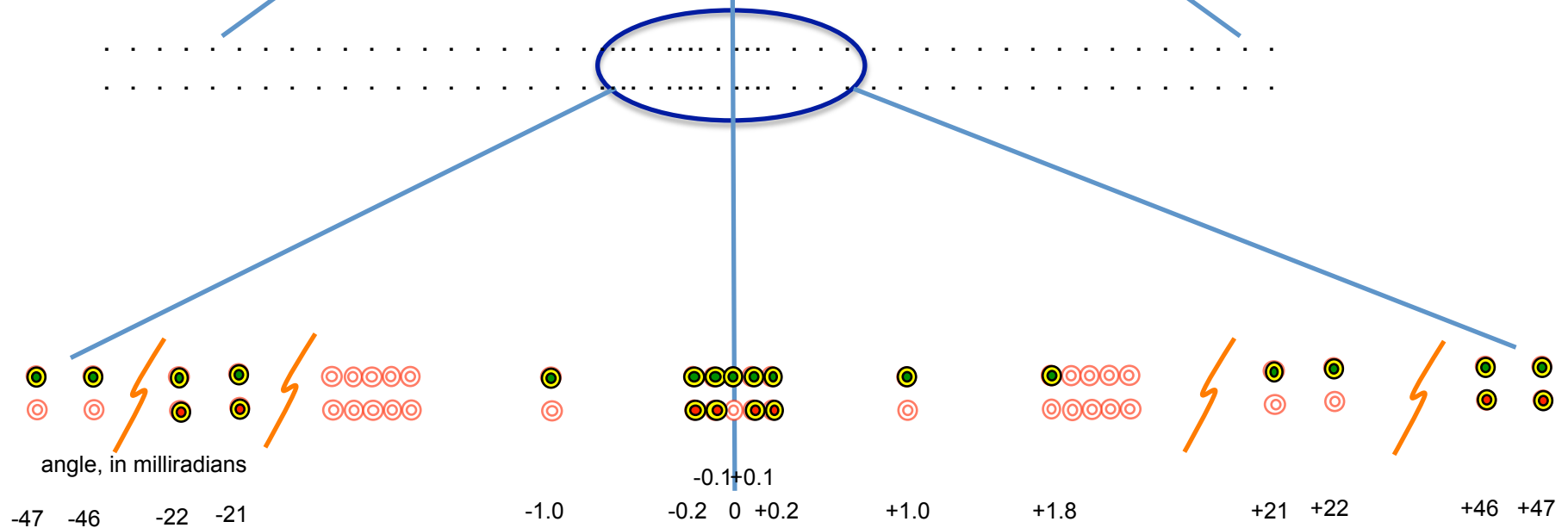# Footprint geometry for initial flights

maximum off-nadir angle is +/- 1.05 km

"+" angles are to the left side as the plane flies forwards

angle, in milliradians

-47   -46   -22   -21   -1.0   -0.2   0 +0.2   +1.0   +1.8   +21 +22   +46 +47

-0.1 +0.1

Angle – to – Channel Mapping

fiber #	TOF card	TOF channel #	angle (mrad)	wavelength	filter*
G16	1	10	+47	532	49%
G15	1	11	+46	532	69%
G14	1	9	+22	532	49%
G13	1	12	+21	532	69%
G12	1	8	+1.8	532	49%
G11	1	13	+1.0	532	69%
G10	1	7	+0.2	532	49%
G9	1	14	+0.1	532	69%
G8	1	6	0.0	532	49%
G7	1	15	-0.1	532	69%
G6	1	5	-0.2	532	49%
G5	1	16	-1.0	532	69%
G4	1	4	-21	532	49%
G3	1	1	-22	532	69%
G2	1	3	-46	532	49%
G1	1	2	-47	532	69%
R8	1	43	-22	1064	15%
R7	1	44	-21	1064	49%
R6	1	45	-0.2	1064	15%
R5	1	46	-0.1	1064	49%
R4	1	50	+0.1	1064	15%
R3	1	49	+0.2	1064	49%
R2	1	48	+46	1064	15%
R1	1	47	+47	1064	49%

valid for
March 22, 2011
March 24, 2011

*filter
gives the relative
transmitted energy
based on neutral
density filters
inserted into
transmit beam